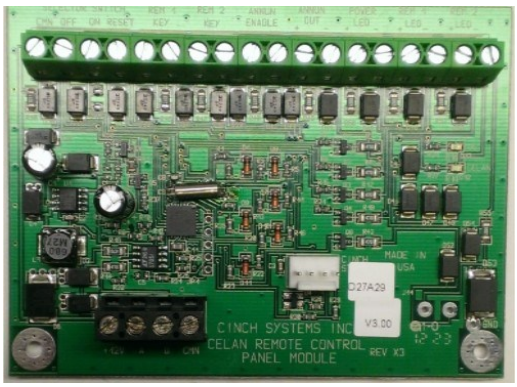
Ce-RCP
Remote Controller Panel
Installation Instructions



I-Ce-RCP Rev A Apr 2012

Overview

The CeLAN Remote Controller Panel Module is used with the Ce-MBC, Ce-MMS and Ce-MGC modules, the Ce-RCP provides a means of controlling both master and remote modules, when activated from the master a remote module can be enabled or disabled.

The Ce-RCP provided the following:

- On/Off capabilities of remote panels
- LED (status) indicators
- Sounder outputs for notification

4 Inputs	**3 Outputs**
Master Key Switch	Master Power LED
Remote 1	Remote 1 LED
Remote 2	Remote 2 LED
Sounder Switch	Sounder

3 Position Key Switch:
Wires to a key switch that is equipped with a reset

- On
- Off
- Reset (momentary)

Remote Key Switch 1 Power:
Wires to the key switch that supplies power to the modules assigned as level 1 of that RCP

Remote Key Switch 2 Power:
Wires to the key switch that supplies power to the modules assigned as level 2 of that RCP

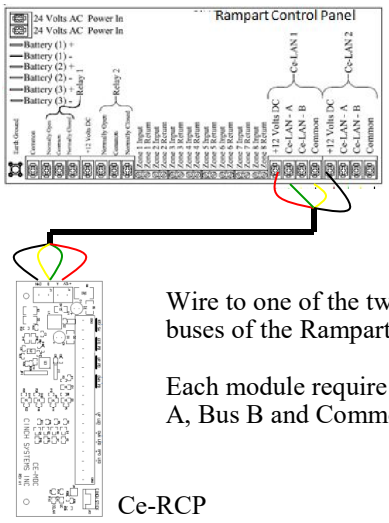
Annunicator On-Off:

Wiring:

The data bus that controls the Ce-RCP originates in the Rampart control panel. A 4-conductor is required from the Rampart control panel to the Ce-RCP location.

Installation:

The manual modules are installed in the manual button control box. Each module is individually wired to it's respective control buttons, LED's and switches The modules can be mounted on the side or mounted in the bottom of the control box.



Wire to one of the two CeLAN buses of the Rampart panel.

Each module require 12Vdc, Bus A, Bus B and Common.

Ce-RCP

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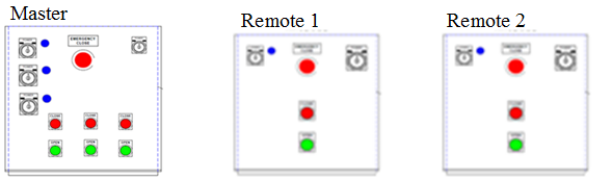
CE-RCP Wiring:

The remote Control Panel provides both inputs and outputs that allow the enabling and disabling of manual remote control boxes.

Example: a 3-barrier application where all barriers can be controlled from one location and only a single barrier can be controlled from a specific area.



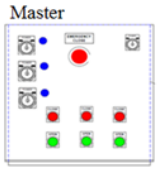
Master
Ce-MBC - 3
Ce-RCP - 1 (2)

Remote 1
Ce-MBC - 1
Ce-RCP - 1

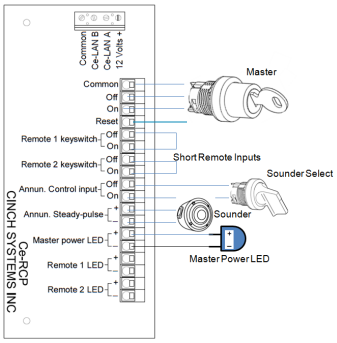
Remote 2
Ce-MBC - 1
Ce-RCP - 1

Note: each location must have a CE-RCP installed for proper control

Note: if master and remote power are controlled separately 2 RCP modules are required in the master control

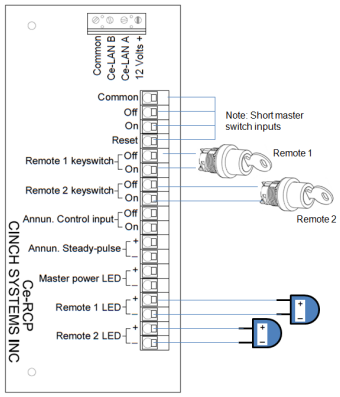


Master control box wiring, (2) RCP are required, (1) for master control box power and (2) for remote 1 and 2 power



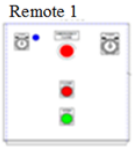
RCP 1 - wired to a 3-way switch to control power to the master control box and provide an EFO reset.

Note: if EFO reset is not required a 2-way switch can be used

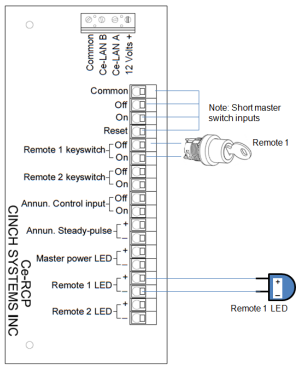


RCP 2 - wired to two 2-position switches to control the power to the remote control boxes

In programming the modules in the Remote control boxes will be assigned to this RCP

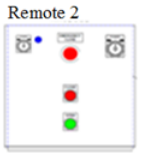


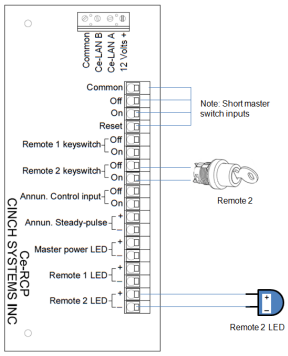
Remote control box wiring, (1) RCP is used in each remote control box for providing a power LED and local power shut-off



Switch wired to Remote 1 and Power LED

Note: provide a short on the master switch input





Switch wired to Remote 2 and Power LED

Note: provide a short on the master switch input

Programming:

Programming is accomplished using a touch screen connected to the Rampart data bus. The touch screen must be enrolled into the system in order for programming to commence.

Once installation and wiring is complete the manual control modules must be enrolled in the Rampart system in order to complete programming.

Enrolling modules:

From the Rampart system touch screen enter system programming

Press the upper left followed by the upper right on the touch screen, a key board will display, enter your access code

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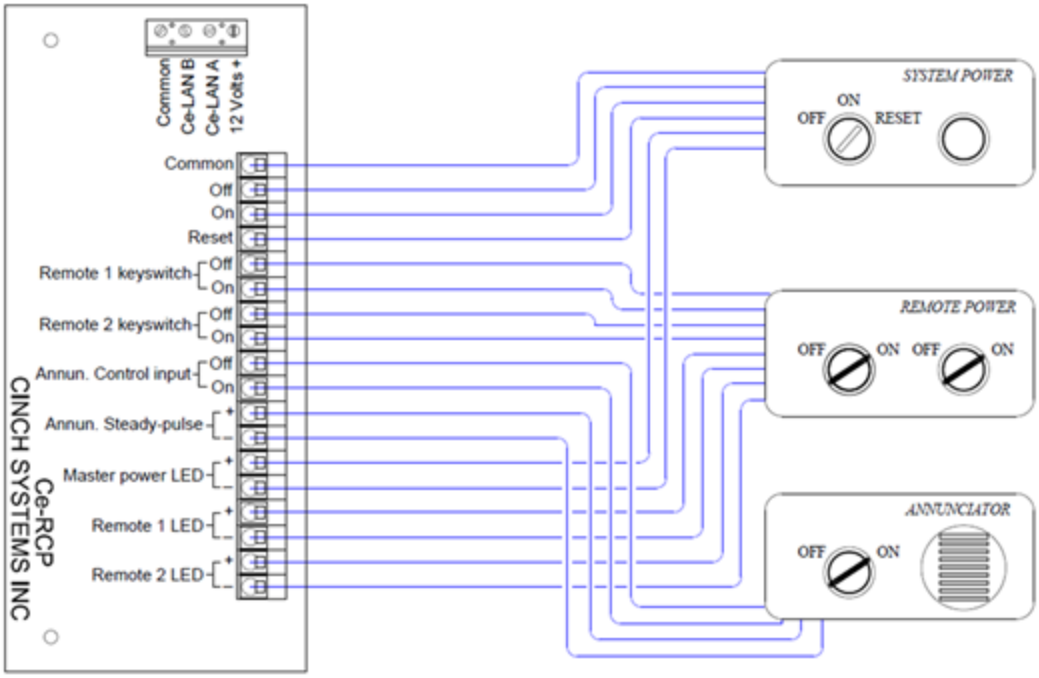
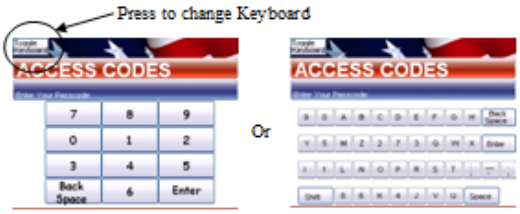
RCP - Remote Control Panel

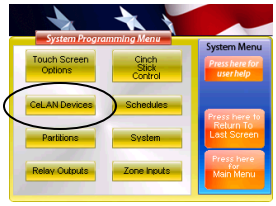


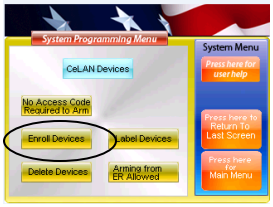
CeLAN Connection	
12VDC	In from Rampart or other 12VDC power supply
Bus A	Data bus A from Rampart
Bus B	Data bus B from Rampart
CMN	Common
Inputs	
3-way Key Switch	Common
	Off
	On
	Reset
Key Switch 1	Level 1 modules
Key Switch 2	Level 2 modules
Sounder	Input from sounder switch
Outputs	
Sounder Steady-Pulsed	Output to provide a steady tone (6VDC)
Master power LED	LED output (6VDC)
Remote 1 Power LED	LED output (6VDC)
Remote 2 Power LED	LED output (6VDC)



Default Installer Code: 12345

Once the access code is accepted select **CeLAN Devices** from the Main Menu then select **Enroll Devices**





During this process all of the manual control modules are being enrolled into the Rampart control panel, when complete the touch screen will display “All Devices Enrolled”

Press Return to Last Screen to bring back the CeLAN Menu and select Label Devices

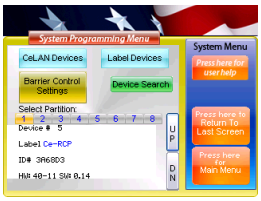
Labeling CeLANDevices:

Before programming devices make sure to assign text descriptors or labels to each device. This will make programming faster and easier.

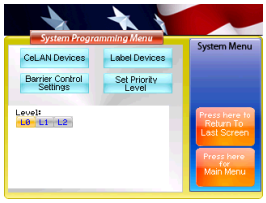
While in system programming enter the **CeLAN Menu** and **Label Devices,** using the Up/Down arrow find the RCP module to program.

All CeLAN modules are assigned a unique ID# for reference, in the Label Device screen this number is displayed as ID#, the ID#’s are located on a label on each individual module.

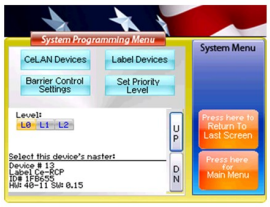
Priority setting - Each module can be assigned to on e of three priorities levels, level 0 - always on, level 1 - disables by key switch 1 of an RCP, level 2 - disabled be a key switch 2 of an RCP. Once the priority level is slected it must be assigned ot an RCP



Select **Barrier Control Settings** to program the RCP



Default setting is L0, if this is the master RCP it should be left at L0, if the RCP is controlling a remote station it should be set to the station number L1



When selecting a L1 use the Up/Down arrows to select the master RCP

When complete press Last Screen button to back up in programming

Wiring/Programming Example:

In this example the master power switch on the master panel, when off disables all control panels

Remote switch 1 off only disables remote panel #1

Remote switch 2 off only disables remote panel #2

This scenario requires (2) RCP’s mounted in the master control panel

One RCP controls the master power box and the other RCP provides on/off capabilities for the two remote controls

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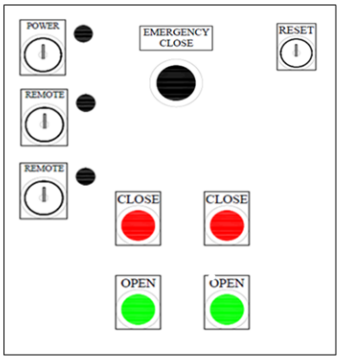
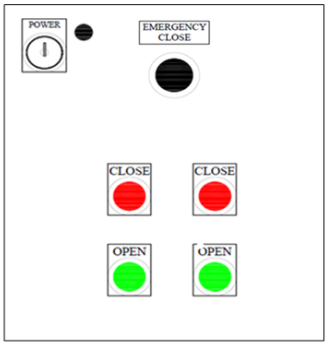
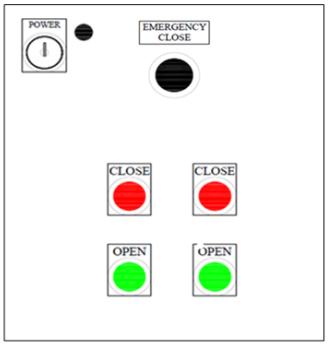
RCP wiring and programming for a Master and Remote panel:



Master



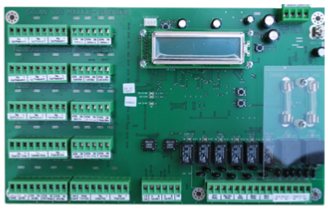
Remote 1



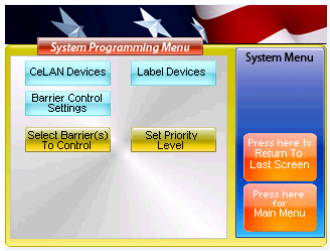
Remote 2

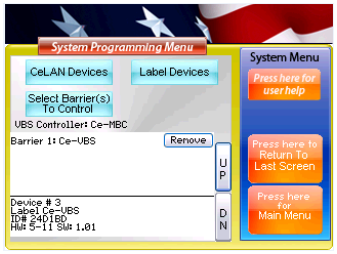
RCP, manual card programming in Remote 1

Ce-VBS



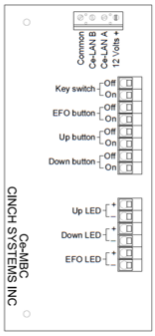
Assign Barrier to MBC



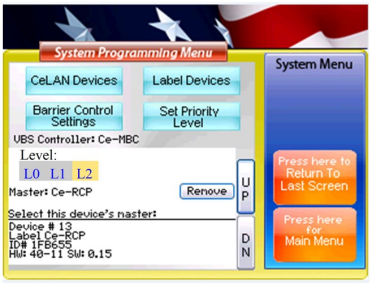


MBC in remote 1

Assign

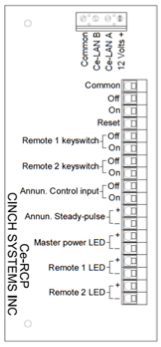


Assign MBC to RCP

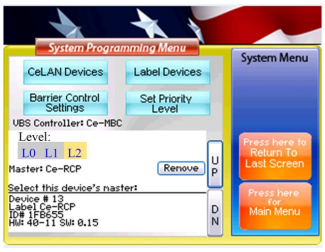


RCP in remote 1

Assign



Assign MBC to RCP Level-1



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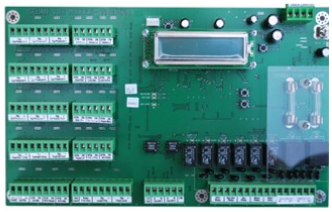
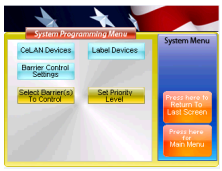
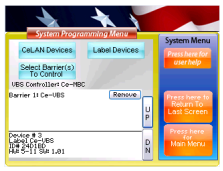


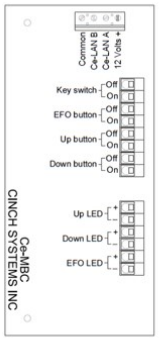
Assign Barrier to MBC



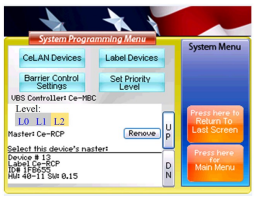


MBC in remote 2

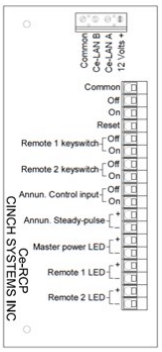
Assign

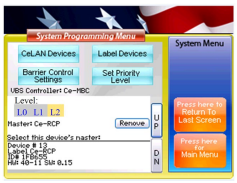


Assign MBC to RCP



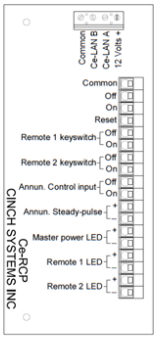
Assign





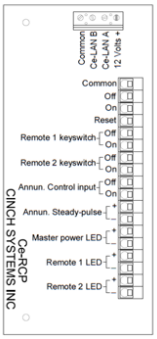
Assign MBC to RCP Level-2

RCP in Remote 1



Assign RCP remote (1) Level-1 to RCP Master 1 Level 1

RCP in Remote 2

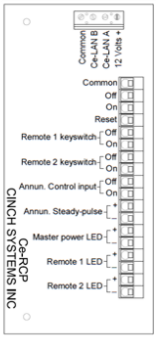


Assign RCP remote (2) Level-2 to RCP Master 1 Level 1

Assign

RCP card programming in Master

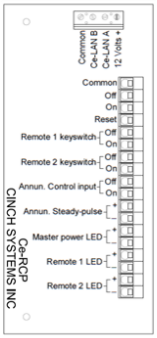
RCP (1) in Master



Assign RCP (1) master ,set at Level-1 To RCP (2) master which is set at Level-0

Assign

RCP (2) in Master



Assign RCP (2) master , set at Level-0. Assign all MBC and MGC, MMS in Master box to RCP (2)

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